

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method in a computer system for dynamically creating a schedule of timeslot segments for a plurality of routes and timeslots, the method comprising:
determining from a calendar, a set of possible route types for a selected day and a template identifier;
based upon the determined set of possible route types, retrieving a set of available route types from a template identified by the template identifier, wherein the available route types are also members of the set of possible route types, wherein the template is a master pattern from which a copy may be made to create the schedule;
for each available route type, determining a set of routes for the selected day;
for each set of routes, creating in a data repository a set of schedulable timeslot segments that correspond to the selected day.

2. (Original) The method of claim 1, further comprising for each set of routes, determining a set of timeslots, wherein a portion of the set of schedulable timeslot segments are created to correspond to each timeslot.

3. (Original) The method of claim 2 wherein the number of created schedulable timeslot segments that correspond to each timeslot are based upon a potential number of timeslot segments associated with each timeslot.

4. (Original) The method of claim 2, further comprising:
modifying the template such that data that corresponds to, at least one of the set of timeslots for the selected day are changed; and
updating the created set of schedulable timeslot segments in the data repository to correspond to the changed data.

5. (Original) The method of claim 1 wherein the template identifier identifies one of the days of a week.

6. (Original) The method of claim 1 wherein a schedulable timeslot segment corresponds to a delivery stop.

7. (Original) The method of claim 1 wherein a schedulable timeslot segment corresponds to an event.

8. (Original) The method of claim 1 wherein the selected day is a date in the future.

9. (Original) The method of claim 8 wherein the method is used to create schedulable events for a sequence of days in the future.

10. (Original) The method of claim 1 wherein the schedulable timeslot segments are sent to another program to be allocated to actual events.
11. (Original) The method of claim 10 wherein the actual events are scheduled delivery orders.
12. (Original) The method of claim 1 wherein the set of possible route types indicates that no routes are available for the selected day.
13. (Original) The method of claim 1 wherein the set of possible route types indicates a holiday schedule is available for the selected day.
14. (Original) The method of claim 1 wherein each route is based upon geographical data.
15. (Original) The method of claim 1, further comprising:
modifying the template such that data that corresponds to at least one of the set of routes for the selected day are changed; and
updating the created set of schedulable timeslot segments in the data repository to correspond to the changed data.

16. (Original) The method of claim 1, further comprising using the determined set of routes to automatically generate in the data repository a set of schedulable timeslot segments that correspond to a different day.

17. (Currently Amended) A computer-readable memory medium containing instructions for controlling a computer processor to dynamically create a schedule of timeslot segments for a plurality of routes and timeslots by:

determining from a calendar, a set of possible route types for a selected day and a template identifier;

based upon the determined set of possible route types, retrieving a set of available route types from a template identified by the template identifier, wherein the available route types are also members of the set of possible route types, wherein the template is a master pattern from which a copy may be made to create the schedule;

for each available route type, determining a set of routes for the selected day;

for each set of routes, creating a data repository a set of schedulable timeslot segments that correspond to the selected day.

18. (Original) The computer-readable memory medium of claim 17, further comprising for each set of routes, determining a set of timeslots, wherein a portion of the set of schedulable timeslot segments are created to correspond to each timeslot.

19. (Original) The computer-readable memory medium of claim 18 wherein the number of created schedulable timeslot segments that correspond to each timeslot are based upon a potential number of timeslot segments associated with each timeslot.

20. (Original) The computer-readable memory medium of claim 17 wherein a schedulable timeslot segment corresponds to a delivery stop.

21. (Original) The computer-readable memory medium of claim 20 wherein a schedulable timeslot segment is allocated to an order to delivery groceries.

22. (Original) The computer-readable memory medium of claim 17 wherein a schedulable timeslot segment corresponds to a delivery stop that is used by an electronic storefront program to schedule a delivery of a product or service.

23. (Original) The computer-readable memory medium of claim 17 wherein the set of schedulable timeslot segments supports the scheduling of a delivery of a product a plurality of days into the future.

24. (Currently Amended) A computer-based home delivery scheduling system comprising:

a data repository;

a set of routines for automatically creating in the data repository a scheduled timeslot segments for each timeslot, for each route, for a designated calendar day, based upon a template

and a calendar system that indicates available routes, timeslots, and numbers of potential timeslot segments per timeslot subject to the available routes being permissible on a particular calendar day, wherein the template is a master pattern from which a copy may be made to create the schedule; and

a user interface for displaying and modifying scheduling data stored in the data repository by invoking the set of routines.

25. (Original) The scheduling system of claim 24 wherein the available routes, timeslots, and numbers of potential timeslot segments per timeslot are grouped by day of week.

26. (Original) The scheduling system of claim 24 wherein the user interface comprises a collection of database forms.

27. (Original) The scheduling system of claim 24 wherein the elements comprise a database system.

28. (Original) The scheduling system of claim 24 wherein a scheduled timeslot segment for a timeslot, for a route, for a designated calendar day that was created in the data repository is allocated to an order for a product or service.

29. (Original) The scheduling system of claim 24 wherein a scheduled timeslot segment for a timeslot, for a route, for a designated calendar day that was created in the data repository is allocated to a particular customer.

30. (Original) The scheduling system of claim 29 wherein a timeslot segment is allocated to the particular customer based upon a rating system.

31-42. (Canceled).